

ABSTRACT:

This antenna unit is adapted to be connected to an electronic device for transmitting a received radio signal to the electronic device. The antenna unit comprises a noise canceller for canceling noise generated in the electronic device and transmitted to the antenna unit through a ground line. The noise canceller is a conductive stub piece one end of which is electrically connected to an electromagnetic shield of the antenna unit and the other end of which is a free end. The stub piece has a length of about 1/4 of a wavelength of the radio signal.